

# Nagaraju Thaduri

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## PROFESSIONAL SUMMARY

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Full Stack Java Developer with 4+ years of experience building secure, high-performance applications across banking and telecom industries. Expertise in designing microservices and event-driven systems using Java 8/11/17, Spring Boot, REST APIs, and Kafka. Skilled in deploying cloud-native solutions on AWS and Kubernetes, automating CI/CD pipelines with Jenkins, GitHub Actions, and GitLab, and optimizing databases such as PostgreSQL, Redis, and MySQL. Adept at delivering responsive front-end applications with React, Angular, and Vue.js, while applying Agile and TDD practices to ensure reliable, production-ready software.

## TECHNICAL SKILLS

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**Programming Languages:** Java (8, 11, 17), JavaScript, TypeScript, SQL / PL/SQL, Python

**Frameworks and Libraries:** Spring (Boot, MVC, Cloud, Security, Hibernate, JPA), Node.js, Redux, Vue.js

**Databases:** MongoDB, PostgreSQL, MySQL, Oracle, Redis, SQL Server

**Messaging and Streaming:** Apache Kafka

**Cloud and Containerization:** AWS (EC2, S3, RDS, Lambda, SNS), Docker, Kubernetes (EKS, OpenShift), Terraform, Azure

**Build and DevOps Tools:** Git, Maven, Gradle, GitHub Actions, Jenkins, Visual Studio

**Testing and Monitoring:** Postman, JUnit, Splunk, ELK Stack, Mockito, Cypress, Selenium

**Web Services:** RESTful APIs, SOAP, Tomcat

**Methodologies:** Agile, Scrum, Jira, ETL, Confluence

**Frontend:** Angular, React, HTML5, CSS3, Bootstrap, AJAX

**Additional Tools:** Shell Scripting, XML, JSON, GitHub Copilot, AI/ML Exposure (TensorFlow, SageMaker, Claude, Anomaly Detection, Predictive Analytics)

## PROFESSIONAL EXPERIENCE

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### Full Stack Java Developer – JPMorgan Chase

*Feb 2024 to Present | Tampa, FL (Remote)*

- Designed, built, and maintained secure, compliant, and highly scalable financial microservices using Java 11/17, Spring Boot, and REST APIs, supporting millions of customer interactions with 99.99% uptime.
- Optimized high-volume data operations by integrating PostgreSQL and Redis caching, reducing API response times by 30%.
- Built event-driven processing pipelines with Apache Kafka, ensuring reliable, real-time transaction workflows.
- Built and optimized schemas, stored procedures, and queries across relational databases (SQL Server, PostgreSQL), enhancing data integrity and improving query execution speed for reporting and analytics workloads.
- Deployed containerized applications on AWS EKS with proactive monitoring via CloudWatch, Splunk, and ELK, reducing downtime through proactive monitoring.
- Streamlined CI/CD automation with GitHub Actions, accelerating release cycles by 40% and improving deployment consistency.
- Enhanced observability with centralized logging and alerting, enabling faster issue detection and resolution.
- Built responsive, accessible UIs using React, TypeScript, and Angular 9, collaborating with UI/UX teams to optimize performance and simplify user workflows.
- Delivered production solutions in Linux/Unix environments by applying shell scripting, system monitoring, and performance tuning, improving application stability and reducing downtime for critical financial workloads.
- Secured user authentication with Spring Security and Redis-based session management.
- Validated reliability with Postman API testing and JUnit/Mockito test coverage, ensuring defect-free production releases.

### Java Developer – Tech Mahindra

*April 2022 to August 2023 | Hyderabad, India*

- Modernized telecom platforms by building scalable services with Java, Spring Boot, and Angular, improving reliability and maintainability.
- Migrated telecom APIs from SOAP to REST while maintaining OSS backward compatibility, reducing downtime by 30%.
- Secured inter-service communication using REST APIs, Kafka messaging, and Kubernetes networking controls.
- Deployed and managed telecom applications on AWS using Docker and Kubernetes, reducing environment setup and shortening deployment times significantly.
- Led OpenShift-based production deployments with zero downtime, collaborating closely with infrastructure teams.

- Automated CI/CD pipelines using Jenkins, GitHub Actions, and GitLab, orchestrating builds, testing, and deployments to accelerate release cycles and improve consistency.
- Built Python utilities for automated log analysis and data validation, tuning MySQL, MongoDB, and Redis pipelines for low-latency performance.
- Designed NoSQL schemas in MongoDB for telecom datasets, leveraging indexing and aggregation pipelines for high-volume queries.
- Built ETL pipelines for customer and operational data, ensuring accuracy and consistency across reporting systems.
- Designed responsive telecom user interfaces with Vue.js, improving usability and maintainability across customer platforms.
- Partnered with cross-functional teams to integrate order tracking, support services, and customer management systems, streamlining workflows and improving customer issue resolution speed.
- Improved release predictability by coordinating build automation with Maven.
- Developed automated regression suites with Cypress and Selenium, integrating them into CI pipelines to improve release confidence.

## **Software Engineer – Ericsson India Pvt Ltd**

*January 2021 to Mar 2022 | Hyderabad, India*

- Developed core telecom operations systems with Java, Spring MVC, and Hibernate, improving stability and scalability across distributed applications.
- Deployed applications on Apache Tomcat, securing and tuning configurations to support high transaction volumes.
- Introduced modular, containerized Spring Boot microservices, accelerating development and reducing deployment errors.
- Prototyped cross-platform services in Visual Studio, integrating C# components with Java backends to support enterprise telecom workflows.
- Built secure, resilient cloud foundations by integrating AWS EC2, S3, and RDS into operational systems.
- Containerized services with Docker and deployed on Kubernetes (Amazon EKS), scaling workloads by 50%.
- Standardized CI/CD pipelines with Jenkins and Azure DevOps, shortening release time and improving reliability.
- Designed operational dashboards with Angular and jQuery, improving decision-making with real-time insights.
- Delivered responsive user interfaces with React to enhance usability and modernize experiences.
- Maintained PostgreSQL databases supporting multi-terabyte telecom data sets with optimized queries.
- Automated monitoring with Splunk and Python scripts, accelerating incident resolution through automated monitoring.
- Contributed actively in Agile Scrum ceremonies, ensuring timely delivery of features within project scope.
- Authored sprint documentation and architectural notes in Confluence, enabling faster onboarding of new team members and improving cross-team knowledge transfer, which reduced dependency on senior engineers.
- Managed code collaboration with Git and Jira, streamlining branching, code reviews, and predictable rollouts.

## **EDUCATION**

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### **Master of Science in Information Systems Technology**

*Wilmington University | Delaware*